

Datasheet for ABIN7564863

CCRL1 Protein (AA 1-350) (His tag)



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Overview

Quantity:	1 mg
Target:	CCRL1
Protein Characteristics:	AA 1-350
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCRL1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant Akr4 Protein expressed in mammalian cells.
Sequence:	<p>MALELNQSAE YYYEENEMNY THDYSQYEVI CIKEEVQFA KVFLPAFFTV AFVTGLAGNS VWVAIYAYYK KQRTKTDVYI LNLAVADLLL LITLPFWAVN AVHGWILGKM MCKVTSALYT VNFVSGMQFL ACISIDRYWA ITKAPSQSGA GRPCWIICCC VWMAAILLSI PQLVFYTVNQ NARCTPIFPH HLGTSCLKASI QMLEIGIGFV VPFLIMGVCY ASTARALIKM PNIKKSRPLR VLLAVVVVFI VTQLPYNVVK FCQAIDAIYL LITSCDMSKR MDVAIQVTES IALFHSCCLNP ILYVFMGASF KNYIMKVAKK YGSWRRQRQN VEEIPFDSEG PTEPTSSFTI Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CCRL1
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Alternative Name:	Ackr4 (CCRL1 Products)
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Background:	Atypical chemokine receptor 4 (C-C chemokine receptor type 11) (C-C CKR-11) (CC-CKR-11) (CCR-11) (CC chemokine receptor-like 1) (CCRL1) (CCX CKR),FUNCTION: Atypical chemokine receptor that controls chemokine levels and localization via high-affinity chemokine binding that is uncoupled from classic ligand-driven signal transduction cascades, resulting instead in chemokine sequestration, degradation, or transcytosis. Also known as interceptor (internalizing receptor) or chemokine-scavenging receptor or chemokine decoy receptor. Acts as a receptor for chemokines CCL2, CCL8, CCL13, CCL19, CCL21 and CCL25. Chemokine-binding does not activate G-protein-mediated signal transduction but instead induces beta-arrestin recruitment, leading to ligand internalization. Plays an important role in controlling the migration of immune and cancer cells that express chemokine receptors CCR7 and CCR9, by reducing the availability of CCL19, CCL21, and CCL25 through internalization. Negatively regulates CXCR3-induced chemotaxis. Regulates T-cell development in the thymus and inhibits spontaneous autoimmunity. {ECO:0000269 PubMed:11981810, ECO:0000269 PubMed:23152546}.
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Molecular Weight:	39.5 kDa
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Target Details

UniProt: [Q924I3](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months